

AMENDMENTS TO THE CLAIMS

1-11. (Canceled)

12. (Currently amended) The apparatus of Claim ~~[[11]]~~ 24, wherein the apparatus includes ~~a mixing chamber having~~ paddles disposed on a rotating shaft, wherein paddles are spaced progressively closer to one another to separate the sanitizing ~~fluid~~ agent from the goods by compressing the goods.

13. (Currently amended) The apparatus of Claim ~~[[11]]~~ 12, wherein the apparatus includes a screw of increasing cylinder diameter for separating the sanitizing ~~fluid~~ agent from the conduit through a perforated interior wall of the conduit.

14. (Currently amended) The apparatus of Claim ~~[[11]]~~ 13, further comprising means for mixing the goods with a neutralizing agent and means for separating the agent from the goods.

15. (Currently amended) The apparatus of Claim 14, further comprising ~~a mixing chamber having~~ paddles disposed on a rotating shaft, wherein paddles are spaced ~~apart~~ progressively closer to one another to separate the neutralizing agent from the goods by compressing the goods.

16. (Currently amended) The apparatus of Claim ~~[[14]]~~ 15, wherein the apparatus includes a screw of increasing cylinder diameter for separating the neutralizing ~~fluid~~ agent from the conduit through a perforated interior wall of the conduit.

17. (Currently amended) The apparatus of Claim 14, further comprising means for mixing the goods with an antioxidant agent and means for separating the antioxidant agent from the goods.

18. (Currently amended) The apparatus of Claim 17, further comprising ~~a mixing chamber having~~ paddles disposed on a rotating shaft, wherein paddles are spaced progressively

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closer to one another to separate an antioxidant ~~fluid~~ agent from the goods by compressing the goods.

19. (Currently amended) The apparatus of Claim ~~[[17]]~~ 18, wherein the apparatus includes a screw of increasing cylinder diameter for separating the antioxidant ~~fluid~~ agent from the conduit through a perforated interior wall of the conduit.

20. (Currently amended) The apparatus of Claim 14, further comprising a ~~construction~~ constriction.

21. (Currently amended) A sanitizing apparatus for goods, comprising:
means for mixing a good with a sanitizing agent; and
means for mixing a good with a neutralizing agent, wherein both of the means for mixing include a rotating member housed within a conduit wherein the agents are mixed with the goods as the rotating member transfers the goods through the conduit.

22. (Canceled)

23. (New) A sanitizing apparatus for goods, comprising:
a conduit with an inlet and outlet for perishable goods, and an inlet and outlet for a sanitizing agent, wherein a rotating screw conveyor within the conduit transfers the goods through the conduit and mixes the goods with the sanitizing agent as the goods are transferred through the conduit.

24. (New) The apparatus of Claim 23, wherein the rotating screw conveyor causes the removal of the sanitizing agent from the conduit by compressing the goods and directing the sanitizing agent through a perforated interior wall of the conduit.

25. (New) A sanitizing apparatus for perishable goods comprising:
a conduit with an inlet and outlet for perishable goods, and an inlet and outlet for a sanitizing agent, wherein a rotating member within the conduit transfers the goods through the

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conduit and mixes the goods with the sanitizing agent as the goods are transferred through the conduit, and wherein the rotating member causes the removal of the sanitizing agent from the conduit by compressing the goods and directing the sanitizing agent through a perforated interior wall of the conduit.